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Project Notes

103 Sawyer Street
New Bedford, MA 02746
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Client	USACE New Bedford Office	Date	July 26, 2017	
Project	New Bedford Harbor Superfund Site	Project No.	35BG2000	
Prepared By	Steve Fox	Note No.	639	
Subject	New Bedford Harbor - Client Update Meeting			
Participants	(* Denotes Part Time Participation)	Distribution (attendees plus)	See below	
<u>Client</u>	<u>EPA</u>	<u>MassDEP</u>	<u>Jacobs</u>	<u>Battelle</u>
Kevin Coleman	Dave Lederer	Garry Waldeck	Beth Anderson	Deirdre Dahlen
Ellen Iorio	Dave Dickerson		Anita Rigassio Smith	Patty White
Bob Christie	Hoshaiah Barczynski	<u>Sevenson</u>	Steve Fox	Jessica Tenzar
Nathan Mangelson		Joe Mahoney	Craig Kish	
Peter Hugh			Mark Gouveia	
Marie Esten			Lonnie Fallin	

SAFETY/SITE MAINTENANCE

Safety Alert	Notes
	The pipeline is being installed and divers are in the water. No boat operations are permitted south of the bridges without first notifying and receiving approval from Jacobs (Gouveia or Cummings). Packer, Marine Hydraulics, Eastern Fisheries, and Moby Dick have all been notified. Also, there was a shooting in the North End of New Bedford this past weekend. Jacobs (Gouveia) reminded everyone that you need to be aware of your surroundings while in New Bedford and to be a defensive driver and not to challenge anyone.
Site Maintenance	Jacobs (Gouveia) will schedule the electrician to replace one of the electrical panels at Area D. Will also schedule maintenance on the fire alarm system at Area D. Yesterday, (7/26). The truck scales at both Areas C and D were calibrated. Repairs on a load cell on the rail scale at Area D will be completed by the end of the week.

Distribution: Participants: **Jacobs:** Document Control File, Beth Anderson, Mike Anderson, Maurice Beaudoin, Jon Blount, Jackie Connor, Josh Cummings, Lonnie Fallin, Steve Fox, Ken Gaynor, Mark Gouveia, Debra Hickman, Alison Hutchinson, Will Kenyon, Craig Kish, Don Melcher, Mike Morris, John Oktar, Jim Piccuito, Greg Scott, Steven Sills, Anita Rigassio Smith, Shane Taylor, Ann Webb, Mary Wright; **Sevenson:** Mike Crystal, Joe Mahoney **USACE:** Tim Rezendes, Kevin Coleman, Bob Christie, Jay Mackay, Marcos Paiva, Ellen Iorio, Sheila Winston-Vinculla, Peter Hugh, Steve Wolf, Marie Esten, Nate Mangelson, Mike Penko, Dion Lewis; **EPA:** Cynthia Catli, David Peterson, Dave Lederer, Barb Bergen, Dave Dickerson, Hoshaiah Barczynski, Christopher Smith; **MADEP:** Paul Craftey, Garry Waldeck; **Battelle:** Deirdre Dahlen, Jessica Tenzar, Patricia White; **KOMEN:** Mark Applebee; **Lally Consulting:** John Lally
ACE-J23-35BG2000-P4-0007



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JACOBS FIELDWORK

Action	Date Start	Date Completion	Notes
Pipeline Relocation	6/19/17	Late July	The reinstallation of the HDPE pipeline continues with the pipeline welding completed to just off Parcel 265. Scheduled to be completed by the end of this week, early next week
PMC shoreline excavation	Ongoing	Restoration completion 10/17	Bird fencing will be installed today and tomorrow, (7/27 and 7/28) around the remaining PMC low and high marsh areas. The phragmites have been treated with the first application and the second treatment will occur the 3 rd week of August.
Marsh Island Intertidal	August	October	TO#3 sent to Jacobs for signature on 7/21 and Jacobs has provided the USACE with comments on the award. EPA confirmed access by land. Some restoration will occur in April 2018.
Cable Crossing Area	September	Dec 2017	Awaiting TO#4 award. Jacobs submitted proposal on 6/20/17 and initial negotiations on 7/13/17. Evaluating options to include mob costs on TO#2.
Miguel Intertidal	10/16/17		Tentative start date based upon completion of Marsh Island remediation. Some restoration April-May 2018.
Ship wreck Cataloging	7/17/2017	TBD	Timbers are wrapped and stored at DDA. David Robinson will look at his schedule for cataloging the timbers and Jacobs (Gouveia) will provide a schedule for completion.

SAMPLING AND ANALYSIS

Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
Water Quality Monitoring (Lower and Upper Harbor)	7/17/17	in situ turbidity only	N/A	N/A	WQM on hold until LH Cashman start (August) and subtidal dredging operations resume in August.
Upper Harbor Intertidal Data Gap Sampling (Round 1)	5/9 – 6/2/17	IA Congener	6/20/17 Week of 8/14	7/14/17	Received approval on 7/24/17 to proceed with confirmatory PCB congener analysis; pre-validated data should be available week of 8/14/17.
UH-Subtidal Data Gap Sampling (Round 2)					Sampling scheduled to start 8/1/17, pending approval of the FSP Addendum. Sediment cores will be collected over 2-3 weeks.
Aerovox Passive Sampler Survey	8/11/17	Congener			Passive samplers deployed on 7/11/17; 30-day deployment period ends 8/10-8/11/17.



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Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
ADCP Surveys	7/23/17 TBD	in situ monitoring only			Spring tide ADCP survey conducted Sunday 7/23/17. Next survey will also be conducted on a weekend; date TBD.
Area C groundwater sampling	Spring 2018	PCBs, VOCs			EPA will coordinate with USACE for sampling.
Sign off on NAPL samples from former AVX site	TBD	PCBs, VOCs			Jacobs will coordinate with the EPA and USACE for the signature of the chain on custody for the samples.

AIR MONITORING

Event	Samples Collection	Unvalidated Results	Validated results	Notes
LH Pre-dredge Round	7/19/17-7/20/17	8/4/17 or 8/7/17		Performed on 7/19-7/20/17 for Cashman contract and Marsh Island. Pre-validated data should be available week of 8/7/17.
LH/MI Progress Rd				To be determined.
Area C VOC sampling (Summa)	July/Aug			Per EPA request, this sampling event will be conducted at Area C in the area surrounding Cell #1. In addition, the USACE (Iorio) requested that the Jacobs QAPP includes the summa samples.
Cable Crossing Pre-Dredge Round				To be determined.

MEETINGS/OTHER ACTIVITIES

Action	Date	Notes
Aerovox 21e Project – Phase III RAP	Ongoing	Revised Phase III submitted June 30. Comments due to EPA by 8/4/17, submittal to MassDEP by 8/11/17.
City of New Bedford Update	Ongoing	The next EPA meeting with the CoNB (Michelle) has not been scheduled. Topics for discussion: keeping folks away from the area behind the Ropeworks adjacent to Area C; proposed fencing at PMC to keep the mowers out of the restored areas; and designs for fish warning signs on Coggeshall Bridge. EPA (Dave D) has requested that Jacobs (Gouveia) review the Riverview Park fencing as an example of a type of barrier/fencing to keep mowers



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		out of the area. Jacobs (Gouveia) to locate pricing for 3 styles of fencing and submit to USACE/EPA for review.
Phase II Archeology Meeting	7/12/17	PAL to send Jacobs (Anita) shapefiles for three potential historically significant locations.
City of Fairhaven	7/27/17	At 9:00 tomorrow, the EPA (Lederer) will meet with the City of Fairhaven to discuss recent rodent issues in the Tabor Street neighborhood.

COMPREHENSIVE PLAN MEETINGS

Small Group	Topic	Date of Meeting/Call	Attendees
Sequencing of work	After CP is issued	8/31/2017	Lederer, Dickerson, Barczynski, Iorio, Coleman, Rezendes, Mangelson, Fox, Gouveia, Rigassio-Smith, Anderson, Lally, Harrington, SES, MADEP.
UH Subtidal			Lederer, Iorio, Coleman, Rezendes, Mangelson, Esten, Lally, Gouveia, Rigassio-Smith, Taylor, Harrington, SES, MADEP.
Intertidal LH	Miguel WP in progress. Marsh Island to proceed according to WP unless directed otherwise. Other LH intertidal properties on hold for now.	Weekly, Tues at 2:30	Dickerson, Barczynski, Iorio, Esten, Coleman, Rezendes, Mangelson, Gouveia, Blount, Sills, White, MADEP.
Intertidal UH	Access road layouts sent 5/25. EPA (Dave D) to review and evaluate access agreement status. Discussion of sequencing needed.	8/31/2017	Dickerson, Iorio, Esten, Coleman, Rezendes, Mangelson, Gouveia, Blount, Sills, White, MADEP.
CDA/Confirmatory UH-East Intertidal	UH East	8/31/2017	Dickerson, Iorio, Esten, Gouveia, Rigassio-Smith, White, MADEP.
CDA/Confirmatory UH-West Intertidal	UH West	8/31/2017	Dickerson, Iorio, Esten, Gouveia, Rigassio-Smith, White, MADEP.
Aerovox Interim Cap	Discussion on proposed Work Plan	Weekly, Thurs at 1PM	Dickerson, Wolf, Groher, Rigassio-Smith, Anderson, Morris, Gouveia, Lally, Tuthill, White.
RAC cost reporting	Discuss how to generate cost tracking and invoicing for EPA and USACE	8/28/17 @11:00 (webinar)	Lederer, Dickerson, Iorio, Coleman, Rezendes, Fox, Beth Anderson, Hutchinson, MADEP. Typically every 4 th Thu



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RIGHT OF ENTRY/PUBLIC RELEASE FORMS

Parcel or Name of Owner	Right of Entry Need Date	Task	Notes
Upper Harbor Access Roads	TBD	Intertidal	EPA (Dickerson) has requested that Jacobs provide the current version of the map showing areas that may require access roads. Five out of six agreements in hand; still working on Robichaud.
Robichaud	TBD	Archeology	EPA (Barczyski) has submitted letter to the property owner's son. He has indicated he will take care of it. EPA (Barczyski) has a meeting with the Robichaud family in the next several weeks to discuss access.
17-1 and 17-3/Mike Panagakos	TBD	Subtidal/Intertidal	EPA (Lederer) has turned over the matter of ROE to EPA's legal staff for resolution.
EPA coordinator for access agreements			EPA (Lederer) said that Lauren O'Neil (of the EPA) will be cataloging the access agreements. Battelle (White) and Jacobs (Gouveia) also have copies of access agreements.

DELIVERABLES

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
B1	UH Subtidal Data Gap Sampling (Round 2) FSP Addendum #1	Battelle	7/24/17	7/31/17	Jacobs, Lederer, Esten, Iorio, MADEP	EPA (Lederer) and USACE (Esten) have completed their reviews.
B2	Marsh Island Verification/Confirmatory Sampling FSP Addendum #2	Battelle	7/17/17	8/1/17	Dickerson, Esten, Iorio, MADEP, Sills	Draft FSP Addendum submitted on 7/14/17. Comments received from EPA (Dickerson) and MADEP (Craffey).
J1	Comprehensive Plan, Draft	Jacobs	6/30/17	7/24/17	Lederer Dickerson Barczyski Rezendes Coleman Mangelson Iorio Esten Lally	Submitted on 6/30/17. Pending review.



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No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
					MADEP	
J2	Phase II Archeological Investigation Summary Report, Draft-Final	Jacobs/CR/PAL	Draft-Final: 6/7/17 MOR Due: TBD	7/28/17	Stakeholders and Interested Parties	Two meetings with stakeholders and other interested parties were conducted. EPA (Lederer) received comments from Mass Historical, which he will forward. Also, the National Park Service is reviewing the document.
J3	Archeological Disposition Spreadsheet, Draft	Jacobs, CR, PAL	Draft: 4/20/17 RCL Due: TBD	Due: 6/16/17	Lumino	Pending comments from Lumino.
J4	Marsh Island Intertidal WP, RCL and RLSO	Jacobs	Draft: 5/22 RCL : 6/27/17 RCL (revised) 7/14/17	Backcheck Due: 7/28/17	Dickerson Esten Mangelson Penko MassDEP	RCL and RLSO sent on 6/27/17. Revised RCL and RLSO to be sent 7/12/17 to include USACE (Mangelson) comments.
J5	UH Hybrid Dredge WP, MOR	Jacobs	Draft Submitted: 4/7 RCL Submitted: 5/24 MOR Submitted: 7/14/17	Back-check Due: 7/28/17	Lederer Rezendes Mangelson Esten Lally MADEP	Coordination meeting with John Lally to resolve his open comments held Thurs (6/22/17). Follow-up meeting with Lally held on 6/29/17. Verbal agreement on work. MOR to be submitted 7/14/17.
J6	Addendum to UH Hybrid Dredge WP for the Cable Crossing Area, MOR	Jacobs	Draft Submitted: 4/7 RCL Submitted: 5/25 MOR Submitted: 7/14/17 with RLSO	Back-check Due: 7/28/17	Lederer Rezendes Mangelson Esten Lally MADEP	
J7	Miguel Intertidal WP, Draft	Jacobs	Draft Submitted: 7/20/17	Comments Due: 8/3/17	Dickerson Esten Mangelson Penko MassDEP	Remediation designed to 25 ppm.
J8	SUMMA FSP for VOC at Area C, Draft	Jacobs	Draft Submitted 6/26/17 RCL Due: 7/26/17	Back-check Due: 7/10/17	Barczyski Lewis	Comments received from Lewis, comments from Barczyski received on 7/19.
J9	APP	Jacobs	Draft Due: 7/26/17	Comments	Mangelson	



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				Due: 8/8/2017 (tentative)	Safety	
J10	QAPP	Jacobs	Draft Submitted: 7/19/17	Comments Due: 8/2/2017	Lewis EPA Lab	
J11	CQCP	Jacobs	Draft Due: 7/24/17	8/7/2017	Mangelson	
J12	Aerovox FSP	Jacobs	7/17/17	8/4/2017	Dickerson lorio MassDEP Lewis Groher Wolf White	
J13	Addendums for APP, QAPP and CQCP, (Marsh Island)	Jacobs	TBD		Mangelson, Safety, Lewis, EPA lab	
J14	FSP for Borrow area at Marsh Island	Jacobs	7/28/17		Dickerson, USACE (TBD)	
J15	Map and associated table presenting debris remaining in the Upper Harbor following the completion of the cable crossing debris removal activities.	Jacobs	TBD			
J16	Shipwreck 2 Summary Report	Jacobs	TBD			
A1	Revised Phase III Work Plan for former AVX facility	AVX	6/30/17	8/4/17 to EPA	Groher, Morris	

CONTRACT ACTIONS

Contract	Award Date	Notes
RAC TO3 (Marsh Island)	7/26/17	Sent to Jacobs 7/21 for signature. Jacobs (Hickman) forwarded comments to USACE contracts.
RAC TO3 Modification (Miguel Property). "North Street Salt Marsh".	10/12/2017	Award before demobilization of Marsh Island. SOW addendum is forthcoming.



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RAC TO4 (Cable Crossing Area)	8/17/17	Negotiations on 7/13/17, follow-up discussions with Jacobs on scope of work and fee.
AECOM WQM	8/1/17	Proposal due on 6/30/17.
AECOM EMIS	TBD	Proposal due on 7/17/17.
TERC TO# 1, 6, 7, 8 Incentive Fees	TBD	Waiting for Jacobs admin costs for closeout.
TERC TO# 1, 6, 8 Closeout	TBD	Waiting for Jacobs admin costs for closeout.
	TBD	Upon completion of all UH debris removal.

FUTURE ACTIONS (No discussion needed)

	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
	UH Intertidal WP	Jacobs	10/9/17			From CP Schedule
	BtB Subtidal and Intertidal WP	Jacobs	11/27/17			From CP Schedule
	MU 37C&D	Jacobs	11/27/17			From CP Schedule
	Aerovox 65% Design WP	Jacobs	12/13/17			From CP Schedule
	Cell 1, 2, 3	Jacobs	12/21/17			From CP Schedule